IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Katsumi TAKAOKA Keiichi KANEKO

NOT YET ASSIGNED Serial No.

Filed: June **27** 2001

RECURSIVE DISCRETE FOURIER TRANSFORMATION METHOD AND Title: RECURSIVE INVERSE DISCRETE FOURIER TRANSFORMATION METHOD

TRANSMITTAL LETTER

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- Transmittal Letter (1)
- PTO Form 1082 (2)
- 64 page Application consisting of (3)
 - 42 Pages Textual Specification
 - 15 Pages of 22 claims
 - 1 page containing the Abstract of the Disclosure
 - 6 sheets drawings
- Executed Declaration/Power of Attorney (4)
- ****(5) Assignment and Recordation Cover Sheet
- Check No. 150)0 \$ 1146.00 for filing fee (6)
- Check No. 15031 \$ 40.00 for recordation fee (7)
- Postcard for early notification of serial number (8)

The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: June 21

By: Nath Gary 🕰

Registration No. 26,965

Customer No. 20529

NATH & ASSOCIATES PLLC 1030 15th Street NW - 6th Floor Washington, D.C. 20005 GMN/sjb:NewApp

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NATH & ASSOCIATES PLLC

Gary M. Nath (DC, NJ) Harold L. Novick (DC, MD) Todd L. Juneau (DC, IL)

Irvin A. Lavine (DC), Retired Donald M. Sandler (MD), Retired*

Patent, Trademark and Copyright Causes Unfair Competition, Trade Secrets, Licensing and Litigation

*Practice limited to Matters and Proceedings before Federal Courts and Agencies; not Admitted in DC

Attorneys at Law 1030 Fifteenth Street, N.W. Sixth Floor

Washington, D.C. 20005-1503

TELEPHONE (202) 775-8383 (202) 775-9393

FACSIMILE (202) 775-8396

(202) 822-9409 E-Mail: ip@nathlaw.com

Web: www.nathlaw.com

Michelle L. Hartland (VA)* Lee C. Heiman (CA)* Jerald L. Meyer (VA)* Paul A. Sacher (MD)* Marvin C. Berkowitz (GA)* Tanya E. Harkins (MD)* Joshua B. Goldberg (VA)* Nahied K. Usman (VA)* Todd W. Kunz (IL)* Alvin E. Tanenholtz ... Roger C. Hahn **

** Registered Patent Agent: not Admitted in DC

FORM PTO-1082

TRANSMITTAL FOR NEW U.S. PATENT APPLICATION

Assistant Commissioner of Patents and Trademarks Washington, D.C. 20231

New U.S. Patent Application

For:

RECURSIVE DISCRETE FOURIER TRANSFORMATION

DISCRETE INVERSE METHOD AND RECURSIVE

FOURIER TRANSFORMATION METHOD

Katsumi TAKAOKA Keiichi KANEKO Inventor(s):

Attorney Docket: 24691

Sir:

Attached hereto is the application identified above, including:

- 64 page Application consisting of 1.
 - 42 Pages Textual Specification
 - 15 Pages of 22 claims
 - 1 page containing the Abstract of the Disclosure
 - 6 sheets drawings
- Executed Declaration/Power of Attorney 2.
- Assignment and Recordation Cover Sheet 3.

The Government filing fee is calculated as follows:	
Total Claims	<u>)</u>
Independent Claims 8 - 3 = 5 x \$80.00 = $$400.00$	<u>)</u>
Base Fee	<u>)</u>
Multiple Dependent Claim Fee (\$260.00) \$ 0.00	<u>)</u>
Subtotal	<u>)</u>
TOTAL FILING FEE*	
(accounting for possible small entity status) \$1146.00	<u>)</u>

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		*Reduced by one-half, as applicant(s) is/are a "small entity" A Declaration Claiming Small Entity Status:
		is submitted herewith;
		will be filed at a later date.
	<u>xx</u>	Foreign priority is claimed under 35 U.S.C. § 119 from Japanese Patent Application(s) No. P2000-198374 dated June 30, 2000 and No. P2000-204916 dated July 6, 2000 and No. P2000-234130 dated August 2, 2000.
		xx Priority document(s) will be submitted at a later date.
		Priority document(s) is/are submitted herewith.
The true test to the test to t		Executed Declaration(s) will be submitted at a later date pursuant to 37 CFR \S 1.41 and \S 1.53, with an appropriate surcharge under 37 CFR \S 1.16(e).
	<u>xx</u>	Formal drawing(s) is/are attached.
ak AJ		Formal drawing(s) will be submitted at a later date.
The state of the s	<u>xx</u>	Assignment document(s) is/are submitted herewith; the recordation fee of \$40.00 per document is enclosed herewith.
Trust films Team unit stad		Assignment document will be submitted at a later date.
		A Verified Translation will be submitted at a later date.
=# ==		No payment is enclosed at this time. Full payment will be made when the executed Declaration is submitted.

Respectfully submitted, NATH & ASSOCIATES PLLC

Submitted herewith is a check in the amount of \$1146.00.

credit any excess to Deposit Account No. 14-0112.

Commissioner is hereby authorized to charge any deficiency or

Registration No. 26,965 Customer No. 20529

Date: <u>June</u> <u>**21**</u>, 2001 NATH & ASSOCIATES 1030 15TH Street NW - 6th Floor Washington, D.C. 20005 (202) - 775 - 8383GMN/sjb (1082)